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Patent and Trademark Office

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

QM01/1120

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APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
09/414,562	10/08/99	002	LESLIE, M 3745	11/20/00
First Named Applicant	HUNG, 35 USC 154(b) term ext. = 0 Days.			

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ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
3 EM/HUNG/5050	060-479.000	V28	UTILITY	YES	\$620.00	02/20/01

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

HOW TO RESPOND TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
- B. If the status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

- A. Pay FEE DUE shown above, or
- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give application number and batch number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PATENT AND TRADEMARK OFFICE COPY

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Ed
11/19/00

Notice of Allowability

Application No.

09/414,562

Examiner

Michael Leslie

Applicant(s)

HUNG, MICHAEL

Art Unit

3745

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to _____.
2. ☒ The allowed claim(s) is/are 1 and 2.
3. ☒ The drawings filed on 08 October 1999 are acceptable as formal drawings.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.
5. ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. & 119(e).

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

6. ☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.
7. ☐ Applicant MUST submit NEW FORMAL DRAWINGS
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review(PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No. _____.
 - (b) ☐ including changes required by the proposed drawing correction filed _____, which has been approved by the examiner.
 - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

8. ☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any reply to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE / SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

- | | |
|--|---|
| 1 <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____ |
| 5 <input type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. _____ | 6 <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9 <input type="checkbox"/> Other |

Art Unit: 3745

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

IN THE CLAIMS

In claim 1, line 3, "1" has been changed to --(1)--.

In claim 1, line 3, "2" has been changed to --(2)--.

In claim 1, line 4, "3" has been changed to --(3)--.

In claim 1, line 4, "4" has been changed to --(4)--.

In claim 1, line 4, "10" has been changed to --(10)--.

In claim 1, line 6, "2" has been changed to --(2)--.

In claim 1, line 7, "10" has been changed to --(10)--.

In claim 1, line 7, "3" has been changed to --(3)--.

In claim 1, line 8, "A1" has been changed to --(A1)--.

In claim 1, line 8, "3" has been changed to --(3)--.

In claim 1, line 9, "B" has been changed to --(B)--.

In claim 1, line 9, "1" has been changed to --(1)--.

In claim 1, line 10, "10" has been changed to --(10)--.

In claim 1, line 10, "2" has been changed to --(2)--.

Art Unit: 3745

In claim 1, line 11, "1" has been changed to --(1)--.

In claim 1, line 11, "10" has been changed to --(10)--.

In claim 1, line 12, "A3" has been changed to --(A3)--.

In claim 1, line 13, "1" has been changed to --(1)--.

In claim 1, line 14, "10" has been changed to --(10)--.

In claim 1, line 14, "41" has been changed to --(41)--.

In claim 1, line 15, "4" has been changed to --(4)--.

In claim 1, line 15, "A4" has been changed to --(A4)--.

In claim 1, line 16, "C" has been changed to --(C)--.

In claim 1, line 16, "2" has been changed to --(2)--.

In claim 1, line 18, "C" has been changed to --(C)--.

In claim 1, line 20, "2" has been changed to --(2)--.

In claim 1, line 21, "10" has been changed to --(10)--.

In claim 1, line 21, "D" has been changed to --(D)--.

In claim 1, line 22, "3" has been changed to --(3)--.

In claim 1, line 23, "10" has been changed to --(10)--.

In claim 1, line 23, "D" has been changed to --(D)--.

In claim 1, line 30, "31" has been changed to --(31)--.

In claim 1, line 31, "3" has been changed to --(3)--.

In claim 1, line 31, "41" has been changed to --(41)--.

In claim 1, line 31, "4" has been changed to --(4)--.

In claim 1, line 32, "B" has been changed to --(B)--.

Art Unit: 3745

In claim 1, line 32, ✓ "A2" has been changed to --(A2)--.

In claim 1, line 32, ✓ "31" has been changed to --(31)--.

In claim 1, line 33, ✓ "B" has been changed to --(B)--.

In claim 1, line 33, ✓ "311" has been changed to --(311)--.

In claim 1, line 34, ✓ "B" has been changed to --(B)--.

In claim 1, line 34, ✓ "A2" has been changed to --(A2)--.

In claim 1, line 35, ✓ "41" has been changed to --(41)--.

In claim 1, line 35, ✓ "4" has been changed to --(4)--.

In claim 1, line 36, ✓ "B" has been changed to --(B)--.

In claim 1, line 37, ✓ "41" has been changed to --(41)--.

In claim 1, line 38, ✓ "4" has been changed to --(4)--.

In claim 1, line 38, ✓ "3" has been changed to --(3)--.

In claim 1, line 38, ✓ "A2" has been changed to --(A2)--.

In claim 1, line 39, ✓ "4" has been changed to --(4)--.

In claim 1, line 40, ✓ "A2" has been changed to --(A2)--.

In claim 1, line 40, ✓ "31" has been changed to --(31)--.

In claim 1, line 41, ✓ "B" has been changed to --(B)--.

In claim 1, line 42, ✓ "41" has been changed to --(41)--.

In claim 1, line 42, ✓ "4" has been changed to --(4)--.

In claim 1, line 43, ✓ "1" has been changed to --(1)--.

In claim 1, line 44, ✓ "50" has been changed to --(50)--.

In claim 1, line 44, ✓ "4" has been changed to --(4)--.

Art Unit: 3745

In claim 2, line 2, "B" has been changed to --(B)--.

In claim 2, line 4, "11" has been changed to --(11)--.

In claim 2, line 4, "ball vale B1" has been changed to --valve ball(B1)--.

In claim 2, line 5, "1" has been changed to --(1)--.

In claim 2, line 5, "B" has been changed to --(B)--.

In claim 2, line 6, "60" has been changed to --(60)--.

IN THE SPECIFICATION

On page 1, line 7, "U. A. Patent No. 5,577,099" has been changed to --U. S. Patent No. 5,755,099--.

On page 2, line 13, "and" has been changed to --can--.

On page 9, line 16, "valve ball b1'" has been changed to --valve ball B1'--.

The above changes to claims 1 and 2 have been made to correct typos, misspellings, and to place reference characters corresponding to elements recited in the detailed description of the preferred embodiment into parentheses.

The above changes to the specification have been made to correct typos.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

The instant invention is deemed to be directed to an unobvious improvement over the invention patented in Pat. No. 5,755,099. The improvement consists of the placement of check

Art Unit: 3745

valve (A2) in oil channel (31) for the purpose of equalizing the inner and outer pressures of the oil guiding tube (50) when the jack is operating in the still load condition.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

CONTACT INFORMATION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Leslie whose telephone number is (703) 305-0055. The examiner can normally be reached on M-F 6:45am - 3:15pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Look can be reached on (703) 308-1044. The fax phone number for the organization where this application or proceeding is assigned is (703) 308-7763.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0861.

Michael Leslie
November 16, 2000

Ed Look
EDWARD K. LOOK
SUPERVISORY PATENT EXAMINER
GROUP 3700
11/16/00